

ABSTRACT OF THE DISCLOSURE

An integrated vision system is disclosed. Images of outside area are taken by at least one stereo-camera installed in a vehicle. A pair of images taken by the stereo-camera are processed by a stereo-image recognizer for recognition of objects that are obstacles to the front, thus generating obstacle data. Integrated view data including three-dimensional view data are generated by an integrated view data generator based on the pair of images and the obstacle data. The integrated view data are displayed by an integrated image display as visible images to crew on the vehicle.

09866773-1053001